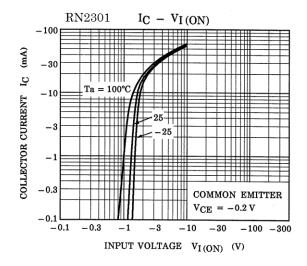
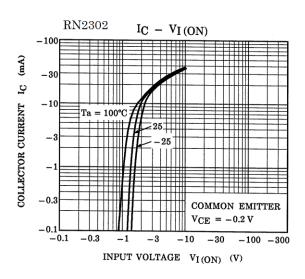


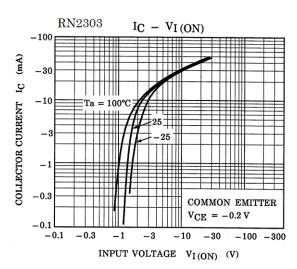
Electrical Characteristics (Ta = 25°C)

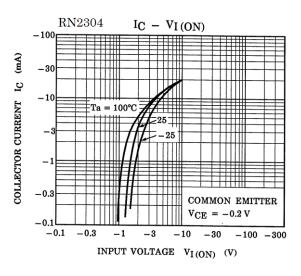
Characteristic		Symbol	Test Condition	Min	Тур.	Max	Unit
Collector cut-off current	RN2301 to RN2306	Ісво	V _{CB} = −50 V, I _E = 0 mA	_	_	-100	nA
		ICEO	VCE = -50 V, I _B = 0 mA	_	_	-500	
Emitter cut-off current	RN2301	ІЕВО	V _{EB} = −10 V, I _C = 0 mA	-0.82	_	-1.52	mA
	RN2302			-0.38	_	-0.71	
	RN2303			-0.17	_	-0.33	
	RN2304			-0.082	_	-0.15	
	RN2305		V _{EB} = -5 V, I _C = 0 mA	-0.078	_	-0.145	
	RN2306			-0.074	_	-0.138	
DC current gain	RN2301	hFE	V _{CE} = −5 V, I _C = −10 mA	30	_	_	_
	RN2302			50	_	_	
	RN2303			70	_	_	
	RN2304			80	_	_	
	RN2305			80	_	_	
	RN2306			80	_	_	
Collector-emitter saturation voltage	RN2301 to RN2306	VCE (sat)	I _C = -5 mA, I _B = -0.25 mA	_	-0.1	-0.3	V
Input voltage (ON)	RN2301	VI (ON)	V _{CE} = -0.2 V, I _C = -5 mA	-1.1	_	-2.0	
	RN2302			-1.2	_	-2.4	
	RN2303			-1.3	_	-3.0	
	RN2304			-1.5	_	-5.0	
	RN2305			-0.6	_	-1.1	
	RN2306			-0.7	_	-1.3	
Input voltage (OFF)	RN2301 to RN2304	V _I (OFF)	V _{CE} = -5 V, I _C = -0.1 mA	-1.0	_	-1.5	V
	RN2305, RN2306			-0.5	_	-0.8	
Transition frequency	RN2301 to RN2306	fT	$V_{CE} = -10 \text{ V}, I_{C} = -5 \text{ mA}$	_	200	_	MHz
Collector output capacitance	RN2301 to RN2306	C _{ob}	$V_{CB} = -10 \text{ V}, I_E = 0 \text{ mA}$ f = 1 MHz	_	3	6	pF
Input resistor	RN2301	- R1	_	3.29	4.7	6.11	kΩ
	RN2302			7	10	13	
	RN2303			15.4	22	28.6	
	RN2304			32.9	47	61.1	
	RN2305			1.54	2.2	2.86	
	RN2306			3.29	4.7	6.11	
Resistor ratio	RN2301 to RN2304	R1/R2	_	0.9	1.0	1.1	_
	RN2305			0.0421	0.0468	0.0515	
	RN2306			0.09	0.1	0.11	

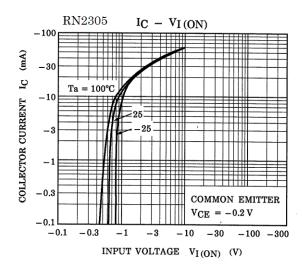


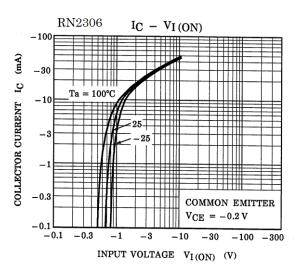








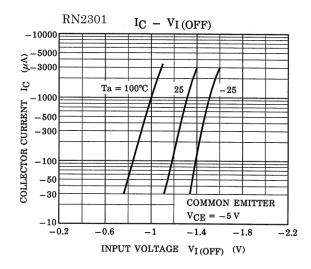


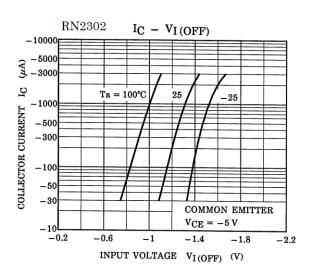


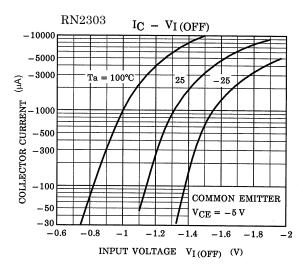
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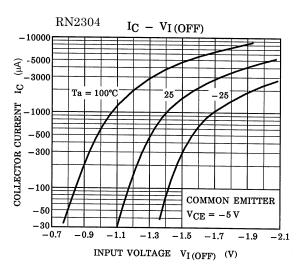
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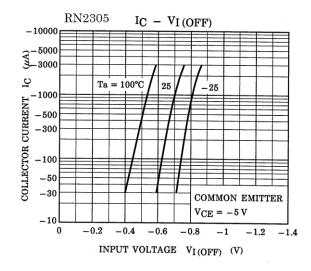


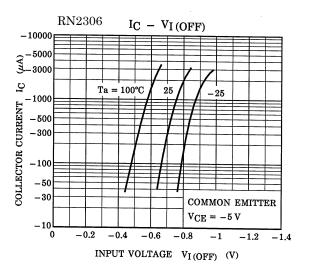








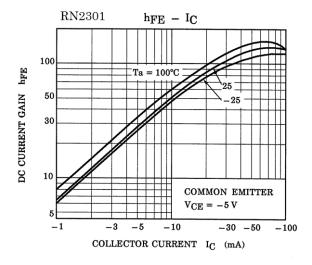


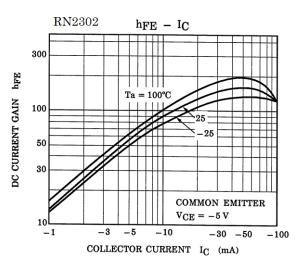


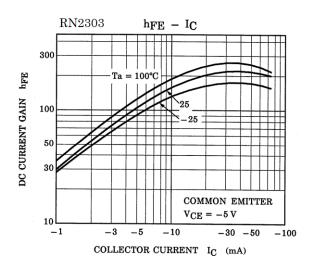
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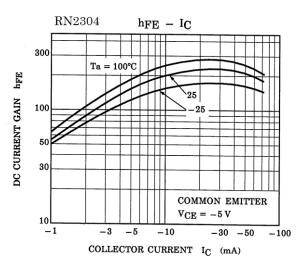
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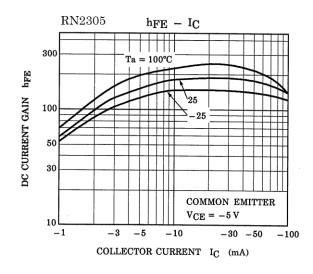


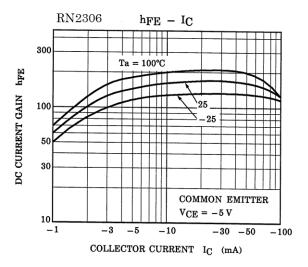






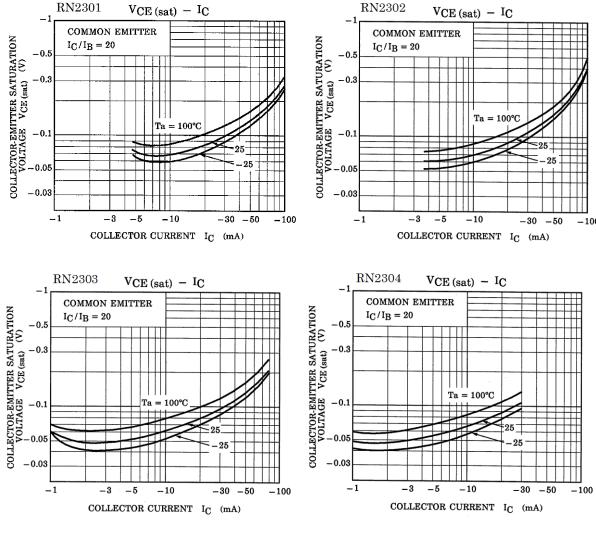


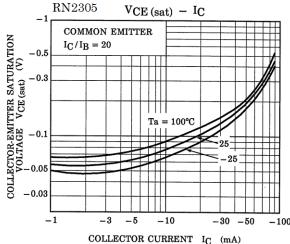


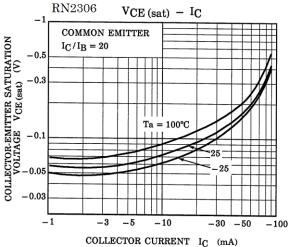


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Marking

Part No.	Marking
RN2301	Part No. (abbreviation code)
RN2302	Part No.(abbreviation code) Y B
RN2303	Part No.(abbreviation code)
RN2304	Part No.(abbreviation code)
RN2305	Part No.(abbreviation code) YE
RN2306	Part No.(abbreviation code) Y F

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